

Hassabis **any problem**

Demis Hassabis **any problem**

SAE level 4

Waymo SAE level 4 SAE level 5

SAE level 4

AI: A Modern Approach

AlphaGo Zero

Leukotomy selfish gene

logical positivism logical empiricism

Universal Approximation Theorem Nash Embedding Theorems word-embedding Vector Space

Deepmind AlphaGo Zero

[illegible]

First, if scientists have tried, and failed, to come up with an alternative theory that explains a phenomenon well, that counts as evidence in favor of the original theory. Second, if a theory keeps seeming like a better idea the more you study it, that's another plus-one. And if a line of thought produced a theory that evidence later supported, chances are it will again.

Historia Naturalis Philosophiae Naturalis scientia naturalis

Are there really many worlds in the "Many-worlds interpretation" of Quantum Mechanics?the development of «decoherence theory» revealed that, using the standard formalism of quantum mechanics, macroscopically distinct branches of the wavefunction were almost entirely free from interference and evolve approximately classically almost

The Many-worlds Interpretation

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[illegible][illegible][illegible][illegible]

Robert McNamara Whiz KidsMcNamara
Henry Kissinger McNamara ·

McNamara Kissinger Aspen Institute Henry Kissinger

[illegible]

1945 1967

Pepper “ ”
Pepper

AlphaGo Zero superhuman

Deep Learning Is Hitting a Wall<https://nautil.us/deep-learning-is-hitting-a-wall-14467/>

☐ not scaling ☒ toxicity

Philosophiae Naturalis Philosophiae
Naturalis scientia naturalis

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[illegible]

Marvin Minsky **The Emotion Machine: Commonsense Thinking, Artificial Intelligence, and the Future of the Human Mind** emotion machine Turing Test

Minsky

AI: A Modern Approach

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Pepper

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[illegible]

consciousness

[illegible][illegible][illegible][illegible][illegible]